pp. F. IX-4

1945.46 (Gen)

File No. 2-45

Previous References.

Serial Nos. 15

later References.

PRESERVED

GENERAL AND REVENUE SECRETARIAT

Serial Nos. One

Part B for Sept 1946

SUBJECT

Deputation of Mr. K. S. Ganapathiram and Mr. B. R. Manickam to the U.S.A to study the up to date methods of Irrigation and construction of high dams

P. W. 1452-55

3.9.46

To

The Chief Engineer for Irrigation
The Chief Engineer for R&B
The Controller (thro' H Secy)

Sanctions the

PUBLIC WORKS SECRETARIAT.

File No. of 194

Serial No.

P. W. SECRETARIAT.
4263
Date 11-3-46

I beg to submit that I took the B.E.degree of the Mysore University in 1930 in I Class and was appointed as a Sub Engineer in the same year. I hav put in a service of 16 years during which period I have served in all branches of engineering, e.g., irrigation, water supply, sanitary engineering, special road works of concrete and tar roads, build--ing and bridge works.

2) In order to improve my knowledge and to bette equip myself to serve the State, I have a great desi to visit U.S.A. and United Kingdom in order to study the up-to-date methods of irrigation and allied work particularly the works of T.V.A. so that the knowled thus gained will be of great help, if I am given an opportunity, in the working of the various schemes in the Tungabhadra valley. I may submit in this con--nection that I am the holder of Garudachar Irriga--tion Gold Medal of 1930.

3) I am now a senior Assistant Engineer having a service of 18 years more, being only 37 years old. I therefore request Government to be so good as to send me on deputation for a period of not less than one year to study the works in U.S.A. so that I migh on return, work for the good of the Department espe--cially during a period when Government are contem--plating to launch on big irrigation schemes in the Tungabhadra valley.

4) As an alternative, I may be permitted to submit that I have experience in town planning and architec--ture, in which subject I secured the highest marks in the B.E.degree examination. It would be of great

WT 01094—GPB—20,000—25-2-41

help to me and to the Department if I am sent on deputation to U.S.A. for training in modern building design and town planning.

5) For this act of kindness I shall be ever grateful to the benign Government.

Submitted
Secretary P.W.

B.K. Manickam
Asst. Secy. P.W.
22/2/46

Rd^n Secy. W/C. O.F.I. C.E., R&B W/C
Fav^r of fav^e cons^n. Kw/22/3/46
Fav^r of views Kw/22/3/46

6) Mr Manickam is an Engineer Officer of high attainments & good experience. Being a fairly Senior Asst Engineer only 38 years of age his being deputed for training in foreign Countries either for Irrigation or Town planning will be of great value to the P.W.D particularly when he is promoted to higher posts executive & administrative. I strongly recommend that he be sent on deputation to America for study in the T.V.A for a period of 2 years

Sec 27/2/46.

7) I endorse the above recommendation with the remark that it is very desirable that Mr Manickam obtains some higher training & proficiency in Town planning also. So that on return he would be doubly useful to the Dept. Sec 27/2/46

PUBLIC WORKS SECRETARIAT. | File No. of 194 .

Serial No.

8) Mr. Manikyam is one of our very good officers and it would be highly useful if he is trained in the T.V.A. methods of irrign in America. We have no such officer with this sort of training and in the coming years the T.V.A. practice is going to rule the designs of irrign works.

Damodar valley scheme

Already the Godavery Dam under contemplation, is going to be constructed on the T.V.A. lines & the American experts are being consulted. It will be very necy for our State to have an engineer trained in these methods of design & construction.

Minr P.W
+
Dewan
Sec.
Finl Secy
+
Rd Secy

KW 22 2/46

9)

He served under me when I was President of my Secunderabad municipal Council & I have recorded more than once my appreciation

WT 01094—GPB—20,000—25-2-41

of his work.

10) If it is proposed to send any one for
basis to foreign countries this year I would
Certainly recommend his deputation

B
28/2

OFFICE OF THE MINISTER
FOR PUBLIC WORKS
9 MAR. 1946
6611
No.

CAO
28/2

11) Some time back I had suggested to the C.E.I. that we might send some of our officers who are neither too junior nor on the verge of retirement on deputation to foreign countries preferably to America. The C.E.I. may be asked to propose some more names along with that of Mr. Manickam

Li 9/3/46.

12) Address C.E.I.

KM/11/3/46

13) Submitted with a draft
Secy) R 13/3
Issued in M/W P.W. 6279 Dt 14/3/46.
Loos 13/3/46

14) Names suggested by the C.E.I.
are put up in the accompanying
D.O. cover, for perusal.
Min P.W.) KM/22/3/46.

PUBLIC WORKS SECRETARIAT.

(15) File No. of 194 .

Serial No.

The D.O. received from the C.E.I. is enclosed. The recommendation of the C.E.I. may be accepted and the five officers named by him may be deputed to either U.K. or U.S.A. as the case may be for ~~man~~ training in the various subjects mentioned by him.

24/3/46.

Dewan)

~~This does not seem to have undergone any particular scheme~~

16) I will be glad to know if this Comes under any particular Scheme of training and also for what period or periods it is proposed to depute the five officers in question.

26/3.

P.T.O.

OFFICE OF THE MINISTER FOR PUBLIC WORKS
23 MAR 1946
No. 7038

25 MAR. 1946
5778

WT 01094—GPB—20,000—25-2-41

6

It is not under any particular scheme that these officers are proposed to be sent. In the postwar scheme, a number of big and important irrigation works, as also a heavy programme of road and bridge works are proposed to be taken up. A number of our senior and experienced officers are due to retire in the course of a year or two. The outlook of a number of our officers in the Department is conservative. It is therefore proposed to depute some officers to either U.S.A. or U.K. to study and see the great works like the T.V.A., etc., so that they may come back with a wider outlook; and their study of those works can be fully utilised to the best advantage of the State. Some Engineering graduates have now been sent abroad for postwar graduate study in Colleges in foreign countries. But, it takes some time for them to complete their courses in the various Colleges. Most of them have not been able to secure seats in the Colleges or institutions in which ~~facilities have been~~ seats were allotted to ~~created for~~ them and they will not be here for another three years.

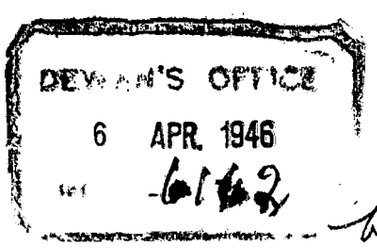
7034

#

(7) I, therefore, think it would be much better to depute some of our officers for a period of not exceeding one year to study and see the great engineering works constructed in U.S.A. or U.K. as suggested by the Chief Engineer for Irrigation.

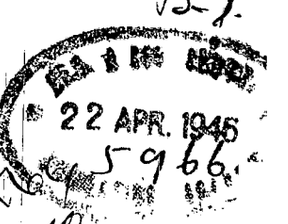
Ks 6/4/46.

Dewan)



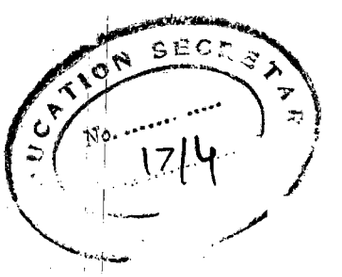
(8) A. I should like to have a list of those undertaking the subjects they are to study and the institutions in which they are placed

13-4.



Ks 16/4 Mcc 16/4/46.

(9) Education secy.



5986

(7

General and Revenue Secretariat | File No. | of 194 . | [App. F. III–2

Serial No.

11- 20) A list of candidates selected for technical training abroad during 1945-46 & 1946-47 is forwarded.

21) Among the candidates selected for training during 1946-47 two are for Civil Engineering, three for Mechanical Engineering and two for Electrical Engineering. The list of candidates is forwarded to the Govt. of India. Intimation as regards the institutions in which these candidates will be admitted, is awaited from the Govt. of India.

Engineering 2 22) Particulars of the candidates selected during 1945-46 are furnished hereunder.

Name.	Subject.	Institution to which admitted.
Mr. Hanumantha Rao Naidu B.E.	Architecture	School of Architecture London
2) M. K. Gandhia - Vaidya B.E	Mechanical Engineering	- do -
3) M. Narayanachar B.E.	Electrical Engineering	British Thomson Houston Works Rugby.

23) In addition to the above Mr. M. Subramanyam who was selected for study of "Geology with reference to Mining" has also failed to

NOTE—Contn. Sheet.

5966

File No. (6) of 194

General and Revenue Secretariat

Serial No.

U.S.A. for Study and Visiting scholarships

24) Five Candidates out of those selected during 1945-46 (from Edn. Dept.) 2911 have yet to sail. Subd. (refer para 18)

Reference para 18 Subd

22.4.46

BB 22/4

Education

Delhi) Dated 23/4/

Recently we have received the deputation of about forty candidates within four months for the Services for foreign Studies. Has that fact been taken into account? ff 27/4

The list of candidates will be sent recently issued in the press (flag J) for necessary action with reference to the remarks made above

Secy Pol. Dept. 27/4 Hms

The information required by the Deputy is with the Edn Secy

Edn Secy 29/4/46

EDUCATION SECRETARY No. ..... Date 3/4

DIVISION 23 APR. 1946 NO 6561

EDUCATION SECRETARY No. ..... Date 27/4

4263

General and Revenue Secretariat | File No. | of 194 | [App. F. III-2

Serial No.

CHIEF ENG. FOR IRRIGATION BANGALORE

C.E. & W.E.) Favr of views reg. the advisability of sending the present cases for training, in view of those who have been already sent or approved to be sent for same or similar subjects.

Kw/29 4/46 Bl 30/4

The Cases of Candidates who have been granted Scholarships for Study in foreign Countries stand on a different footing. The Courses of nature of Study are akin to post-graduate work & this is equip them with higher technical knowledge & academical training.

The proposal now made is for the deputation of Engineers who have already had Several years of Service & experience in Engineering works in the State. They are expected to study the methods adopted in foreign Countries with a view to application to our works here so as to secure greater efficiency & expedition in ~~works~~ In view of the Lakh Kavale Reservoir works & proposed to be taken up soon & the intention to secure the benefits therefrom in as short a time as possible Essentially Modern methods to suit local Conditions have to be adopted

NOTE—Contn. Sheet.

File No. (10) 4263 of 194

General and Revenue Secretariat

Serial No.

The deputation of Officers, at the present stage, will be of very great value to the Department.

While I was in Calcutta, I was given to understand by the Technical Pass Board Officers that incidentally as of the T.V.A. that it was also desirable to send Engineer Officers with service experience so that they will be in a position to appreciate with a short period in what manner and to what extent the methods can be adapted to the Schemes here.

I am therefore of the opinion that the proposals now pending may be approved.

Sec. Pw

with the copy key

For perusal 3/5/46 minutes dated 2/5/46.

I am in general agreement with the views expressed by the C.E.P.

Dewan Ihr. Min P.W. 3/5/46

OFFICE OF THE MINISTER FOR PUBLIC WORKS 4 MAY 1946 No. 8243

6/5/46

Press Note issued by the Govt. of India regarding their scheme for overseas training for Indian

4263/pw (11)

Serial No.

Road Engineers is in the linked file. It is evidently on those lines that I wanted our Engineers in service to be trained.

Ag. 6/5/46

KW 6/5/46.

RR 7/5

7 MAY 1946 NO 6903

I should certainly encourage our Senior Engineer Officers to take study leave and go abroad to improve their technical knowledge and familiarise themselves with the latest methods and developments in the different branches of engineering. For the present two Officers may be sent. Viz Messrs Gangadhara and Ramiyam.

NEM
8/5/46.

Min P.W.) KW 8/5 11.46.

RR 8/5 11/5

I have perused the study leave rules as also rules to regulate conditions on which officers may be deputed for training.

NOTE—Contn. Sheet.

Foreign training

File No. 4-263 OW (IV) of 194 .

General and Revenue Secretariat

Serial No.

Mere grant of study leave under the study leave rules may not be sufficient encouragement to our Engineer officers to go abroad to improve their technical knowledge. Both of them are fairly senior officers and have a large family to support. It was, therefore, thought that the two officers could be deputed to U.S.A., for a period of one year to study the up-to-date methods in irrigation with special reference to T.V.A. methods of irrigation. I have discussed this matter with the Dewan and he has also agreed with me.

OFFICE OF THE MINISTER FOR PUBLIC WORKS
25 JULY 1946
No. 695

DEWAN'S OFFICE
25 JUL 1946
NO. 671

Dewan) KW 25/7/46 [illegible]

23/7/46

28/7/46

KW 29/7/46

Submitted in a circulation note.

Secy) [illegible]
31/7

Chief Secy) Fav of ctn
WPC) KW 8/8/46

31/7/46

GOVT. SECRETARIAT
792
2 AUG 1946
GOVT. OF MYSORE

Submitted in a circulation note. If approved this will be disposed of by circulation

Sd/- [illegible]
3/8/46. 3/8/46

Note for circulation in Council.. (13)

Subject:- Deputation of officers to foreign countries for training in Irrigation works

A number of candidates have been selected by Government and sent to the United Kingdom and U.S.A. for being trained in various subjects. The Chief Engineer for Irrigation considers it necessary to depute some Engineers also, who have already had some years of service and experience in engineering works in the State to study the methods adopted in foreign countries with a view to their application to our works so as to secure greater efficiency and expedition. As the Lakkavalli Reservoir works are to be taken up soon and it is the intention to secure the benefits therefrom in as short a time as possible, reasonable modern methods to suit local conditions have to be adopted. The deputation of officers at the present stage will be of very great value. The Chief Engineer has therefore proposed that the undermentioned officers may be sent on deputation:-

1. Mr.K.S.Gangadhara, Exe. Engr., } for training in T.V.A.
2. Mr.B.R.Manickam, Asst. Engr., } irrigation methods.
3. Mr.M.H.Manchigiah, Asst. Engr. for Highway Engineering.
4. Mr.N.S.Govinda Rao, Asst. Engr., for methods of hydraulic research.
5. Mr.Mir Abdur Rahiman, Asst. Engr., for Town-Planning.

2. For the present, Messrs.K.S.Gangadhara, Exe. Engr., and B.R. Manickam, Asst. Engr., have been selected for deputation to U.S.A. for a period of one year to study the up-to-date methods of - irrigation and construction of high dams with special reference to T.V.A., and this proposal has been approved by the Dewan and the Minister for Public Works.

3. The proposal requires the concurrence of other Ministers before submission for the sanction of His Highness.

1/8/46.

2/8/46

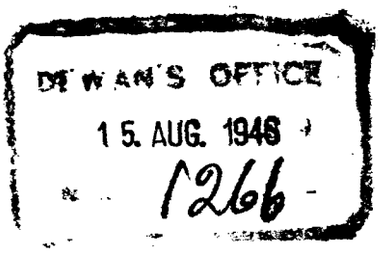
For Disposal by circulation.

No. C. 171

.....9.....1946.47

GENERAL AND REVENUE SECRETARIAT

COUNCIL MATTER



Subject:—

Proposal to depute two officers of the Public Works Department to U.S.A. to study the methods of Irrigation and construction of high dams with special reference to T.V.A.

Circulated to the Council of Ministers.

By Order,

Veeramuthu
Chief Secretary to Government.

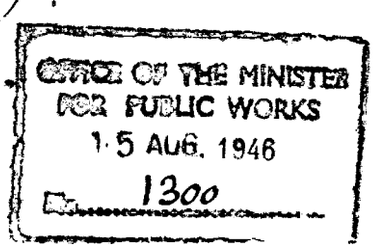
3rd August.....1946. 3/8/46

1065 5/8/46 1. Minister for Revenue. a.sub

1139 10.8.46 2. Minister for Education & Public Health.

10/8/46

3. Minister for Law. (On deputation)



4. Minister for Public Works. (Seen)

1297 10/8/46 5. Minister for Agriculture.

Sub to write a draft final note.

Minister for P.W) KW 14/8 PB 15/8/46 Signed Final note Places below.

D.F.W KW 14/8/46 PB 14/8

13/8/46 Dewan) KW 15/8/46 PB 15/8

Final Note by the Minister for Public Works.

Subject.— Deputation of officers to foreign countries for training in irrigation works.

A number of candidates have been selected by Government and sent to the United Kingdom and the United States of America for being trained in various subjects. The Chief Engineer for Irrigation considers it necessary to depute some engineers also, who have already had some years of service and experience in engineering works in the State to study the methods adopted in foreign countries with a view to their applications to our works so as to secure greater efficiency and expedition. As the Lakkavally reservoir works are to be taken up soon and it is the intention to secure the benefits therefrom in as short a time as possible, reasonable modern methods to suit local conditions have to be adopted. The deputation of officers at the present stage will be of very great value. The Chief Engineer has therefore proposed that the undermentioned officers may be sent on deputation:-

1. Mr. K.S. Gangadhara, Executive Engineer	)	For training in T.V.A. Irrigation methods.
2. Mr. B.R. Manickam, Assistant Engineer	)	
3. Mr. M.H. Manchigiah, Assistant Engineer	-	For Highway engineering.
4. Mr. N.S. Govinda Rao, " "	-	For methods of hydraulic research.
5. Mr. Mir Abdur Rahiman, " "	-	For town planning.

For the present, Messrs. K.S. Gangadhara, Executive Engineer and B.R. Manickam, Assistant Engineer have been selected for deputation to the United States of America for a period of one year to study the up-to-date methods of irrigation and construction of high dams with special reference to T.V.A. and this proposal has been agreed to by the Dewan and the other Ministers.

pages 11 & 14 of Notes

I solicit the gracious sanction of His Highness to the proposal.

L. Siddappa.

Bangalore,
14th August 1946.

Minister for Public Works.

Submitted to His Highness

I submit herewith a Final Note by the Minister for Public Works on the proposal to depute two officers of the Public Works Department to the United States of America to study the methods of irrigation and construction of high dams with special reference to T.V.A., for the graciou sanction of His Highness.

A Ramaswami Mudaliar

Camp - Mysore,
16th August 1946.

D E W A N.

Record of Cases submitted for the Orders of His Highness the Maharaja.

Subject.

Proposal to depute two officers of the Public Works Department to the United States of America to study the methods of irrigation and construction of high dams with special reference to T.V.A.

No.190

Order.

VRN.
18/8/'46.

Chief Secretary

ARM
20/8.

WO
22/8/46

General and Revenue
Secretariat.

SUBJECT:—

Proposal to depute two officers of the Public Works Department to the United States of America to study the methods of irrigation and construction of high dams with special reference to T.V.A.

Circulated to Council of Ministers for perusal of His Highness' orders before/after issue of orders.

Chief Secretary to Government.
22/9/46

Through the Secretary to Government,
Public Works Department.

~~1. Minister for Revenue.~~

2. Minister for Education & Public Health.

3. Minister for Law.

4. Minister for Public Works.

5. Minister for ~~Agriculture~~ Home.

Minister for Rev. & Communications.

NOTE.—Contn. sheet

...YA, Esq., B.A., C.E., M.I.E.(Ind.),
Chief Engineer for Irrigation.

MYSORE PUBLIC WORKS DEPARTMENT,
CENTRAL OFFICE, IRRIGATION.

D. O. No. PC.395

Dated Bangalore, the March 22, 1946.

Foreign Training.

Dear Mr. Joshi,

With reference to your D.O. No.P.W.6279 dated 14th March 1946 regarding the above, I wish to inform you that I would recommend the inclusion of Mr.K.S.Gangadhara, Executive Engineer, (Mr.B.R. Manickam and Mr. Gangadhara being sent up for training in T.V.A. irrigation methods), Mr.M.H. Manchigiah, Assistant Engineer, for Highway Engineering, Mr.N.S.Govinda Rao, Assistant Engineer, for methods of research and Mr.Mir Abdur Rahiman, Assistant Engineer, for training in Town Planning.

Yours sincerely,

Add 2 names as required are put up by the C.E.I.

Mir P.W. KW 22/3/46.

Dear Sir, D.O. No. Pr. 6279 14.3.46

Foreign training

With reference to your D.O. note dated 27th February 1946 recommending the deputation of Mr. B. R. Ramachandran, Asstt Engineer to America for study in the T.V.A, I am desired to state that the Ministry for P.W. would appear to have suggested to you that some of our Officers, who are neither too junior nor on the verge of retirement, might be sent on deputation to foreign countries preferably to America for study.

I am therefore to request you kindly to propose some more names of Officers along with that of Mr. B.R. Ramachandran. for deputation.

Yours sincerely

K.W. 14.3.46.

Dr. M. Narasimhan Esq. B.E. & Supdg. Engr. Trichy.

Mr. B 13/3/46 CE. for Secretary. 13/3

STATEMENT SHOWING THE NAMES OF SUBJECTS AND OF CANDIDATES SELECTED IN CONNEC TION WITH THE OVERSEAS TRAINING DURING 1946-47.

Name of Candidate	Qualifications	Subject of study	Place of Study	Community
		MECHANICAL ENGINEERING.		
1. Mr. D. Samuel Dhanaraj	B.E. II Class	(1) Manufacture of looms and other Textile machinery	U.S.A.	Christian
2. " P. Munieppa	B.E. II Class	(2) Manufacture of watches, Time-pieces and mechanical toys	Switzerland.	Kuruban
3. " N. S. Nandiswariah	B.E. II Class	(3) Manufacture of agricultural implements, cutlery etc.	U.K. or U.S.A.	Lingayet
4. " B.R. Narayana Iyengar	B.Sc. I Class B.E. I Class I Rank	(4) Mechanical Engineering	U.K. or U.S.A.	Brahmin
		CHEMICAL ENGINEERING.		
5. " R.S. Subramanya	B.Sc. I Class M.Sc. I Class	(1) Electro-chemistry with special reference to manufacture of Alkali, manufacture of Calcium Carbide, manufacture of abrasives and electric smelting of phosphorus	U.K. or U.S.A.	Brahmin
6. " T.D. Shankar	B.Sc. M.Sc. II Class	(2) Chemical Engineering with special reference to manufacture of synthetic Ammonia and derived fertilizers	U.S.A.	Balija
7. " B. Lakshmikanth	B.Sc. (Tech) B.Sc.	(3) Advanced study in the manufacture of Woollen fabrics, weaving, dyeing and finishing.	Leeds/ University U.K.	Kuruhin Setti
8. " B.K. Cheluvarajan	B.Sc. B.T. II Class Diploma in Forestry	(4) Utilisation of minor forest produce (chemical side)	U.K.	Mudaliar
9. "K.C. Siddalingiah	M.Sc. (Hons) II Class	(5) Manufacture of Rayon or starch from wood and bamboo	U.S.A. or U.K.	Vokkaliga
10. "E.V. Seshadri	B.E., I Class I Rank	(6) Design of plants	U.S.A.	Brahmin
		EDUCATION.		
11. " Syed Dasheer Ahmed	M.Sc., I Class B.T. I Class	(1) Organisation and administration of primary education particularly with reference to the reorganization of the curriculam on activity principles.	U.K.	Muslim
12. " T.V. Thimme Gowda	B.Sc. I Class B.T. II Class	(2) Reorganization and methods of training teachers particularly those for primary schools.	U.K.	Tigala

Name of Candidate	Qualification	Subject of study	Place of study	Comm
		EDUCATION (Contd.)		
13.Mr. B.L. Shantha mallappa	B.E. II Class	(3) Problem of practical and prevocational training in Middle & High Schools particularly with reference to "Modern" and "Technical" High Schools".	U.S.A.	Lingayat
14.Mrs.Chouri-Puthu Reddy	B.A., B.T.	(4) Domestic Science	U.S.A.	Christi
		APPLIED CHEMISTRY		
15.Mr.C.Chikka Bommiah	B.Sc.(Hons) II Class	Blending of Tobacco and manufacture of Cigarettes. A course of practical training not exceeding two years.	U.K.	Adikarnataka
		ELECTRICAL ENGINEERING.		
16." N.Pthirajulu	B.E.	(1) Communication system viz., Automatic Telephones and carrier current telephony	Standard Telephones, Siemen's Telephones Ltd.,U.K.	-do-
17." K.S.Shankara Rao	B.E. II Class	(2) Electric Traction and locomotives including electric locomotives.	General Electric Company, U.S.A.	Bhavasar Kshatriya
		PRINTING TECHNOLOGY.		
18."K.Sri Vijaya-paliah	B.Sc.(Hons) IClass	Mechanical composition combined with special courses in casting and management	U.K.	Jain
		CIVIL ENGINEERING.		
19. " D.Doddiah	B.E. I Class	(1) High dams and irrigation with special reference to anti-malarial engineering.	U.S.A. Harward University	Kuruba
20. " K.N.Suryanarayana Gowda	B.E. II Class	(2) Modern High ..ays	U.S.A. or U.K.	Vokkaliga
		METALLURGICAL ENGINEERING.		
21. " K.Shamaprasad	B.Sc. I Class M.Sc. I Class	Electro-metallurgy (ferrous) with special reference to the electric smelting or iron ore manufacture of ferr-alloys and manufacture of special steels inclusive of stainless steel and tool steel.	U.K. or U.S.A.	Rajput
". " P. Krishnaraju	B.A. B.E. I Class I Rank	Railway Engineering	U.K. or U.S.A.	Arya Kshatriya
		ANIMAL HUSBANDRY AND VETERINARY SERVICES.		
" M.R.Rajasekhara Setty	B.Sc.(Hons) II Class M.Sc. I Class	Serology (Manufacture of Sira and Vaccine)	U.K. or U.S.A.	Vyasya

Name of candidate.	Qualification.	Subject of study.	Place of study.	Community.
Industrial and Applied Chemistry.				
24.Mr.S.Moulana Munaver.	B.Sc., II Class M.Sc., I Class.	1) Tanning and leather goods industry including utilisation of leather waste and manufacture of glue.	U.K.	Muslim.
25.Mr.K.Paramasivian	M.Sc.,(Hons), I Class.	2)Cinematography.	U.K. or U.S.A.	Lingayat
26.Mr.M.Chinnappa.	B.Sc., I Class I Rank M.Sc.(Hons) I Class,I Rank.	3) Radio engineering - Construction and manufacture of radio sets and parts.	U.K. or U.S.A.,	Christian
27.Mr.V.Venugopal Naidu.	B.Sc.,(Hons), I Class.	4) Glass technology with special reference to bulbs, and sheet glass.	U.K. or U.S.A.	Naidu.
28.Mr.M.K.Nakir Sab	B.Sc.(Hons) II Class.	5) Ceramics.	U.K. or U.S.A.	Muslim.
29.Mr.[illegible]enkataramraj Urs.	B.Sc., I Class - I Rank. M.Sc., I Class.	6) Plastics.	-do-	Urs.
30.Mr.C.M.Ranjappa,	B.A., (Labour Officers' Training at Bombay).	Labour Welfare.	-do.-	Vokkaliga.
31.Mr.M.Lakshmi-narayaniah.	M.Sc.,I Class.	Training in silk conditioning and testing.	-do.-	Devanga.
32.Mr.D.I.Peethambara Rao.	B.A.(Hons) II Class M.A., II Class.	Cooperation with special reference to agricultural marketing.	U.K.	Mahratta.
33. Mr.M.Shadakshara-swamy	B.Sc.,(Hons) I Class M.Sc., II Class.	Fermentation (Technology).	U.K. or U.S.A.,	Lingayat.
34.Amantapadma-naba Rao.	B.A.,(Maths) II Class.	Statistics.	U.S.A.,	Brahmin.
35.B.C.Balasubra-manyam.	B.A., I Class B.E.	Water Supply & Sanitary Engineering.	U.S.A.,	Devanga.

Name of candidate.	Qualification.	Subject of study.	Place of Study.	Community.
36. Mr.A.Ramiah	M.Sc.,	Cooperation with special reference to cooperative farming.	U.K.	Vokkaliga.
37. Mr.A.Narasimham	B.Sc., (Tech).	Pulp and Paper manufacture.	U.K. (choice).	Brahmin.
38. Mr.N.S.Ramachandra	B.Sc.,	Soap and Essential Oils.		Nestar.
39. Mr.Mascarenhas.	B.Sc.,	Can-making, and Can-printing and Canning.	U.K.	Christian.
40. Mr.Syed Ziauddin.	B.Sc., M.Sc., I Class.	Radio Engineering with special reference to Accoustics and Broadcasting.	U.K.	Muslim.

Candidates selected from the Education Branch (the cost of training each candidate is estimated to be Rs.15,000/-)

Sl. No.	Name of candidate	Subject of study.	Community
1.	Mr.N.Narayanachar, B.E.	Electrical Engineering.	Viswakarma.
2.	Mr.V.Hanumantha Rao Naidu, B.E.,	Architecture	Naidu.
3.	Mr.H.K.Panditharadhya, B.E.,	Structural Engineering and Modern Highways.	Lingayet
*4.	Mr.T.Krishnappa,M.Sc.,	Metallurgy	Banajiga
*5.	Mr.B.Gadasivaraju,M.Sc.,	-do-	Kshatriya
6.	Mr.A.Subrahmanyam,B.Sc., (Hons)	Geology with reference to Mining.	Adidravida
*7.	Mr.K.Nageraja Rao,M.Sc.,	Chemical Engineering	Brahmin.
*8.	Mr.D.B.Narasimmaiah,B.E.,	-do-	Vokkaliga
*9.	Mr.Syed Yusiff,M.Sc.,	Aeronautical Engineering.	Muslim

candidates yet to sail

Candidates selected from I & C Branch. (The cost of training each candidate is estimated to be Rs.7,500/-)

.....

1.	Mr.K.Srinivasa Sastry, M.A.,B.E.,	Stainless steel and other special steels and Foundry.	Brahmin
2.	Mr.V.Srinivasa Rao,B.E.,	Design and construction of transformers of higher capacities.	Brahmin.
3.	Mr.S.M.Hayath,B.Sc.,	Different kinds of paints and varnish Manufacture.	Muslim.
4.	Mr.A.S.Ramachandra Rao, M.Sc.,	Modern methods of Geo-physical survey including electrical methods.	Brahmin .
5.	Mr.B.C.Basegowda,B.A.	) Sugar Technology and) Confectionery and	Vokkaliga
6.	Mr.K.Lakkappa,B.Sc.,(Hons)	) manufacture of liquor essences etc.	Vokkaliga

Candidates selected from the A & F Branch (final orders not yet issued). The cost of training each candidate is estimated to be Rs.15,000/-).

.....

1.	Mr.B.Venkoba Rao,B.Sc.,	Botany	Brahmin
2.	Mr.Puttarudriah,B.Sc., (Hons).	Entmology	Vokkaliga

3.	Sri.Jayarama Reddy, M.Sc.,	Agrastalogy	Vokkaliga
4.	Mr.Prem Singh, B.Sc.,(Hons)	Horticulture	Christian.
5.	Mr.Doddamanjayya, B.Sc.,B.V.Sc.,	Virus diseases	Vysya.
6.	Mr.N.S.Krishna Rao, B.Sc.,L.V.P.,	Moto zoology	Brahmin
7.	Mr.Syed Mohiyuddin, B.Sc.,B.V.Sc.,	Nutritional physiology and Pathology.	Muslim.
8.	Mr.J.Muniappa,L.V.P.	Sheep Husbandry (wool)	Vokkaliga
9.	Mr.Rudrish	Dairying	Adiaarnataka
10.	Mr.Vijayaraghava Reddy, B.Sc.,(Hons)	Fisheries (Pisciculture)	Vokkaliga

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I & C Branch.

1.	Mr.B.P. Mascarnhas,B.Sc.,	Can Making and Can printing.	Christian.

(since awarded a stipend in the Education Branch)

B

Note for circulation in Council

Subject. Deputation of Officers to foreign countries for training in Irrigation

A number of candidates have been selected by Government and sent to the United Kingdom and U.S. for being trained in various subjects. The Chief Engineer for Irrigation considers it necessary to depute some Engineers, who have also had some years of service and experience in engineering work in the State, to study the methods adopted in foreign countries with a view to their application to our works so as to secure greater efficiency and expedition. As the Cauvery Reservoir works are to be taken up soon, and it is the intent to secure the benefits therefrom in as short a time as possible, reasonable modern methods to suit local conditions have to be adopted. The deputation of Officers at the present stage will be of very great value. The Chief Engineer has therefore proposed that the undermentioned Engineers may be sent on deputation

(1) Mr. K. S. Ramachara, Ex. Engr. } for work in T.V. Irrigation works

(2) " B. R. Manickam, Asst. Engr. }

(3). Mr. M. Manchegowda, Asstt Engr for Highway Engineering

(4) " M.S. Govindaraja, Asstt Engr. for Methods of Hydraulic Research

(5) " Mirza Abdur Rahiman, Asstt Engr. for Town Planning

2. For the present, ~~this is considered sufficient~~ Messrs. K.S. Gangadhara Rao Engr, and P.R. Manickam, Asstt Engrs. have been selected ~~have been selected~~ for deputation to U.S.A. for a period of one year to study the up to date methods of irrigation and high Construction of high dams with special reference to T.V.A, ~~Methods of irrigation~~ and this proposal has been approved by the Dewan and the Ministers for P.W.

3. The proposal requires the concurrence of other Ministers before submission for the sanction of H.H.

Dewan 31/7/46

KW 1/8/46.

P. W. SECRETARIAT.
5215
Date 22.4.46
166a

Submitted for perusal.
Minister for Public Works)
thro' Secretary, Public Works).

OFFICE OF THE MINISTER FOR PUBLIC WORKS
1 1946
8159

22/4

KW 23/4/46

23/4

PRESS NOTE

Please put up this file along with the file relating to the proposed deputation of some engineering officers from India.

OVERSEAS TRAINING FOR INDIAN ROAD ENGINEERS

WAR TRANSPORT DEPARTMENT'S NEW SCHEME

Arrangements have been completed to send 24 serving Road Engineers for training to the United Kingdom and to the United States of America. These Engineers have been nominated by Provincial Governments for this purpose, and include three Officers in the service of local bodies. They are to study modern theory and practice in road construction, research, organisation, machinery and other subjects connected with highway Engineering.

5/1/46

KW 25/4/46

15/4

This method of increasing technical knowledge and experience of Road Engineers already in service was originally recommended by the Conference of Chief Engineers held at Nagpur in December 1943. A previous attempt to organise a deputation had to be postponed because of the shortage of P.W.D. staff by the employment of a large number of Indian Engineers on military works.

The Deputation is to sail from India in the middle of April and will spend about two months in the United Kingdom. From there it will proceed to the U.S.A. There it will spend about three months before returning to this country. The authorities in both countries have agreed to receive the Deputation and afford all available facilities. In the light of experience gained on this occasion, Government, it is hoped, will be able to organise similar parties in future years.

War Transport Department
New Delhi, April 15, 1946.

GB/ZA

"270 -- 15.4.46."

G. R. S. App. F VI—G 2]

SUBJECT ..... Deputation of Officers for Foreign training. .....

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Diary No. of letter replied to .....

Section GR

File No. 2-45

Serial No. 15

General and Revenue Secretariat

( )

the *194* .

Proceedings of the Government of His Highness the Maharaja of Mysore.

Date of issue ..... 3-9-46 ..... 194 .

Signed by ..... Mr. BR R. .....

Read— Correspondence ending with D.O. letter no. P.C. 395 dated 23rd March 1946 from the Chief Engineer for Irrigation, submitting proposals for the deputation of a few Engineering Officers to Foreign Countries for Foreign training.

Order thereon—No. ~~Order thereon No.~~

ORDER thereon.— P.W. 1452-5 dt. 3.9.46

A number of Candidates have been selected and sent to the United Kingdom and United States of America for being trained in various subjects. The Chief

May this be—

(i) printed ?

(ii) treated as a standing order ?

(iii) published in the Gazette, English Part ?

(iv) translated ?

(v) placed at the disposal of the press ?

(vi) published in the Gazette, Kannada Part ?

2/9

for Irrigation considers it necessary
to depute some Engineers also,
who have had some service
and experience in engineering
works in the State to study the
methods adopted in foreign countries
with a view to their application
to our works so as to secure greater
efficiency and expedition, especially
at the present stage when the
Lakhwar Reservoir works
are to be taken up soon ~~and benefits~~
~~accruing~~
~~therefrom can be secured soon~~
~~by adopting modern methods~~

2. Government are pleased
to the proposal of the chief engineer Irrigation, ~~and for~~
to accord sanction ~~to the~~ List of Enclosures
~~deputation~~ of Messrs. K.S. Gangadhara,
Ex Engr and B.R. Manickam, Asstt Engrs being deputed
for the present to the United States of
America for a period of one year to
study the up to date methods of
investigation and construction of high
dams with special reference to T.V.A.

Copied by
Examined by

31/8/46

Secy to Govt P.W.D.

To
the Ch. Engr for Irrign
the Ch. Engr R & B.
the Controller (thro' Govt) W.S. 2810

Copy to Mr. B.R. Manickam
Asstt Engr. P.W.D.

Proceedings of the Government of His Highness the Maharaja of Mysore.

R e a d -

Correspondence ending with D.O.letter No.P.C.395 dated 23rd March 1946 from the Chief Engineer for Irrigation, submitting proposals for the deputation of a few Engineer Officers to foreign countries for foreign training.

Order thereon No.P.W. 1452-5/Ex.2-45-15 Dated, Bangalore, 3rd Septr.1946

A number of candidates have been selected and sent to the United Kingdom and United States of America for being trained in various subjects. The Chief Engineer for Irrigation considers it necessary to depute some Engineers also, who have had some service and experience in engineering works in the State to study the methods adopted in foreign countries with a view to their application to our works so as to secure greater efficiency and expedition, especially at the present stage when the Lakkavalli Reservoir works are to be taken up soon.

2. Government are pleased to accord sanction to the proposal of the Chief Engineer for Irrigation, Messrs.K.C.Sanghadhara, Executive Engineer and B.T.Venkatam, Assistant Engineer, being deputed for the present, to the United States of America for a period of one year to study the up-to-date methods of irrigation and construction of high dams with special reference to T.V.A.

Kupshi 3/9/46

Secretary to Government,
Public Works Department.

To

The Chief Engineer for Irrigation
The Chief Engineer for Roads and Buildings
The Comptroller to Government (through the Fl.Sectt)

TCRN.